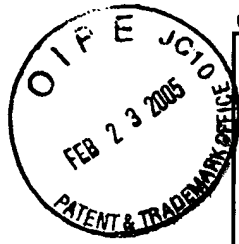


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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)


| | |
|------------------------|-------------------|
| Application Number | 09/724,965 |
| Filing Date | November 28, 2000 |
| First Named Inventor | Nils Lonberg |
| Art Unit | 1632 |
| Examiner Name | A. M. S. Wehbe |
| Attorney Docket Number | 04280/1201643-US5 |

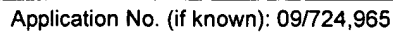
Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Supplemental Response (1 page) Substitute Specification (clean) (238 pages) |
| <div style="border: 1px solid black; padding: 5px; width: fit-content;">Remarks</div> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | DARBY & DARBY P.C. | | |
| Signature |  | | |
| Printed name | Jeffrey G. Pepe | | |
| Date | February 23, 2005 | Reg. No. | 46,985 |



Certificate of Express Mailing Under 37 CFR 1.10

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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Signature
Linda Ponnell

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Transmittal (1 page)
Supplemental Response (1 page)
Substitute Specification (clean) (238 pages)

Docket No.: 04280/1201643-US5
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Nils Lonberg *et al.*

Application No.: 09/724,965

Confirmation No.: 9526

Filed: November 28, 2000

Art Unit: 1632

For: TRANSGENIC NON-HUMAN ANIMALS FOR
PRODUCING HETEROLOGOUS
ANTIBODIES

Examiner: A. M. S. Wehbe

SUPPLEMENTAL RESPONSE

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Dear Commissioner:

Further to our response to the Office Action dated December 20, 2004, which was timely filed on February 22, 2005, it has come to our attention that the “clean” substitute specification submitted with the response included red-line markings. Accordingly, enclosed is a clean substitute specification without the indicated red-line markings that should be entered into the record in place of the substitute specification filed on February 22, 2005, and is otherwise unchanged. In addition, the substitute specification with markings showing all amendments made to the originally filed specification submitted on February 22, 2005 remains consistent with the currently filed clean substitute specification. The substitute specification as provided includes no new matter.

Applicants believe that all formal matters have been attended to and, therefore, the pending application is in condition for allowance.

Dated: February 23, 2005

Respectfully submitted,

By 
Jeffrey C. Pope

Registration No.: 46,985

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Attorneys/Agents For Applicant

Enclosure: Substitute Specification (clean)